

have some defects when compared with a modern humidor. The hats, Mr. Wilson tells me, are all the go for evening wear by the older men when attending dances or other festivals; at least that was the case ten years ago. They would thus appear to be analogous to our silk or opera hats. As to the kind of dances practiced or the remainder of the costume I have no information.

Fern Notes

GEO. L. MOXLEY

The season of 1914 has slipped away all too soon. I have not been able to do much of what I had hoped. But now at the end I will try to gather up the fragmentary results and set them forth in some sort of order.

Early in February, I began bringing home clumps of *Adiantum Jordani*, *Gymnopteris triangularis*, and *Pellaea andromedaefolia* for my fernery. I also put some of the best plants in press. These I got from nearby hills.

On May 30, I made a trip into the San Rafael Hills, the same range visited by Prof. T. J. Fitzpatrick and myself the previous May 30, but I visited a different canyon from the one we followed. On this trip I did not find so many species of ferns as we did the previous year, but those I found were more plentiful. The species included *Pellaea ornithopus*, Hook., *Dryopteris rigida arguta*, (Kaulf.) Unde., *Adiantum Jordani*, C. Muel., *Polypodium californicum*, Kaulf., *Cheilanthes Californica*, (Nutt.) Mett., *Gymnopteris triangularis*, (Kaulf.) Unde.

On September 3 I visited another part of the same range of hills and found *Cheilanthes californica* still growing in some of the shaded ravines in spite of the dryness of the late season. Also noted *Dryopteris*

rigida arguta and some dried up plants of *Gymnopteris triangularis*.

September 5-7, in company with my son, I went into the San Gabriel Mountains. In the Arroyo Seco Canyon we found *Adiantum capillus-veneris* L. growing on wet shaded banks at elevations from about 1800 to 3000 feet. In a cleft of a rocky cliff, at about 3000 feet, I found a pretty dry plant that I take to be *Cheilanthes Fendleri*, Hook., though it may be *C. Clevelandii*, D. C. Eaton. *Dryopteris rigida arguta* was plentiful on the shaded slopes and there was some *Polystichum munitum*, (Kaulf.) Unde. in the higher altitudes.

I have given several spare hours to classifying and cataloguing the ferns in the Herbarium of the Southern California Academy of Sciences, a self-imposed task which, although not yet completed, has given me much pleasure. There are something near 200 sheets of ferns and fern allies from various parts of the world. Quite a large number of them are from Scotland, where they were collected by Dr. A. Davidson, chairman of the Botanical Section of the Academy. Then there are several from Germany, Mexico, and various parts of the United States collected by Dr. Chas. Mohr, at one time State Botanist of Alabama, and two of his nieces, who reside in this city. The rest have been collected by many different persons and the whole forms a quite interesting collection.

While I have not been able to visit some of the places I had hoped to, and have not found some of the ferns I wished to, on the whole I have had a good time and look next year for perhaps a better.

LOS ANGELES, CAL.,

October 1, 1914.